



Managed Kafka Connect

Apache Kafka Connect is an open source component of the Apache Kafka project.

Kafka Connect enables rapid integration of a Kafka cluster with external data sources and sinks with minimal development effort—inherently handling the core challenges of developing a linearly-scalable streaming data integration solution. A key advantage of Kafka Connect is the reusability of Connectors, which act as plugins between Kafka and external data sources or sinks. With minimal or no code changes, you can rapidly deploy an open source Kafka Connector suitable for your integration.

While Kafka Connect is scalable and reliable, it needs an expert operational team to deploy and manage its day-to-day operations with optimal cost effectiveness. The Instacluster Managed Kafka Connect offering addresses these operational challenges with Kafka Connect, allowing you to rapidly build Kafka integrations, and scale your operations in the most reliable way possible. You can focus on business application development without worrying about the operational burden of the data layer technologies.

Why Instacluster?

Instacluster offers managed services for open source technologies with the reliability and scale required for enterprises. Our services are backed by industry leading SLAs and come with 24x7 expert support. We have helped hundreds of customers deploy large scale Cassandra and Kafka clusters on our platform, acquiring more than 7PB of data under management and more than 70 million node hours of operational experience managing complex distributed technologies.

Delivered through the proven Instacluster Managed Platform, the Instacluster Managed Kafka Connect service enables customers to create Kafka Connect clusters and start building Kafka integrations in minutes. The offering comes pre-built with a few popular connectors, including an AWS S3 connector.

Additionally, Instaclustr Managed Kafka Connect offers a Bring-Your-Own Kafka Connectors (BYO Connectors) option to help you deploy custom Connectors. This allows you to build bespoke integrations, or experiment with new integrations that are not yet offered through our platform. You can deploy any Kafka Connector—open source, proprietary-owned, or 3rd party connector (as long as you have an appropriate use license)—directly onto your dedicated Kafka Connect cluster.

Managed Kafka Connect Features

As with all of our managed offerings, Instaclustr's Managed Kafka Connect provides a robust and holistic set of management features:



Automated Provisioning and Deployment:

We provide automated provisioning of Managed Kafka Connect through our Management Console, REST APIs or Terraform Provider.



Flexible Deployment:

Deploy a Kafka Connect cluster and link it to an Instaclustr Managed Kafka cluster, or link it to a Kafka cluster running outside of our platform. The choice is yours.



Run in Your Provider Account or Ours:

Deploy a Kafka Connect cluster and link it to an Instaclustr Managed Kafka cluster, or link it to a Kafka cluster running outside of our platform. The choice is yours.



Availability SLAs:

We offer a 99.99% availability SLA (only available if using an Instaclustr Managed Kafka cluster).



Monitoring & Alerting:

Access key metrics through our Management Console and REST APIs. You can also retrieve monitoring metrics in a format compatible with the Prometheus monitoring system. Alerting is in place to help the Technical Support team proactively identify any issues.



Security:

Instaclustr Managed Kafka Connect is SOC 2 certified. It features client to cluster secured connection via TLS, node-to-node encryption, firewall configuration, and many other enterprise level security features.



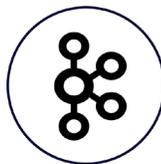
24x7 Expert Support:

Our customers have 24x7 access to technical support staff with hands-on expertise managing large scale distributed systems.



Pre-built Connectors:

Utilize our pre-built AWS S3 connector, Cassandra* connector, and Elasticsearch* connector.



Customer Connectors:

Deploy any connector on to your dedicated Kafka cluster, as long you have an appropriate use license.



Access to Connector Logs:

Access logs generated by Connectors for simplified debugging.

**available in a subsequent release after GA*

About Instaclustr

Instaclustr is the open source-as-a-service company delivering reliability at scale through our integrated data platform for technologies such as [Apache Cassandra®](#), [Apache Kafka®](#), [Apache Spark™](#), [Elasticsearch](#), and [Redis](#).

Our expertise stems from delivering more than 70 million node hours under management. We provide a range of consulting, enablement, and integration, and support services relating to open source technologies.

Our integrated data platform, built on open source technologies, powers mission-critical, highly available applications for our customers and help them achieve scalability, reliability, and performance for their applications.

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